Manitoba
Bureau of
Statistics

MANITOBA

POPULATION PROJECTIONS

1983 - 2006

MBS 84-2

Price: $50.

August 1984

Manitoba Bureau of Statistics

EXECUTIVE SUMMARY

This report presents population projections for Manitoba for the period 1983 - 2006. These population projections have been adopted by Cabinet (on the recommendation of the Economic and Resource Investment Committee of Cabinet) as the official series of Manitoba level population projections for common use within the Manitoba public sector.

The official series (Scenario 1 of Statistics Canada Population Projections 1981 - 2006) assumes:

i) Manitoba's total fertility rate will decline from 1.86 in 1981 to 1.45 by 1996.

ii) A low level of international migration (from a net of approximately 3,800 in 1981-82 and 2,070 in 1983-84 to a net of 2,530 by 1985-86).

iii) Net interprovincial migration (390 in 1982-83) will be positive from 1984-85 to 1988-89 and will average -1,100 from 1981-82 to 1995-96.

iv) Life expectancy at birth for males will increase from 72.1 years in 1981 to 75.1 by 1996 while for females it will increase to 81.3 by 1996 from 78.7 years in 1981.

Under the official projection series, Manitoba's population of 1,047,200 in 1983 will increase to 1,137,600 in 1997 before declining to 1,127,000 in 2006.

An inter-departmental Demographic Statistics Committee has been instructed to review the official Manitoba level population projection series on an annual basis and if warranted, recommend a revised projection series.

The Demographic Statistics Committee has also been instructed to develop population projections of common sub-provincial region and sub-population groups to meet the requirements of departments and agencies. These projections will be consistent with the official Manitoba level series.

Projections for department specific sub-provincial regions are to be the responsibility of individual departments and agencies. These projections should also be consistent with the official Manitoba level series.

Further information on the official series can be obtained from David Greenwood of the Manitoba Bureau of Statistics at 945-2803.

TABLE OF CONTENTS

		PAGE
I.	Executive Summary	1
II.	Introduction	5
III.	Projected Manitoba Population 1983 - 2006	7
IV.	Projected Population Components	9
	i) Fertility	9
	ii) International Migration	11
	iii) Interprovincial Migration	13
	iv) Mortality	15
V.	Conclusion	17

APPENDIX

A	Manitoba Projected Population by Sex and Age	19
B	Percentage of Manitoba Projected Population by Sex and Age	25
C	Manitoba Projected Population by Sex and Age Group	31
D	Percentage of Manitoba Projected Population by Sex and Age Group	35

INTRODUCTION

From the January 27th, 1983 Economic and Resource Investment Committee of Cabinet (E.R.I.C.) Planning Session minutes, the following is excerpted:

> The Committee agreed that the government should adopt one set of demographic projections for planning purposes to be utilized by all departments, agencies and crown corporations. The Committee requested the Manitoba Bureau of Statistics' Data Users Committee to determine what demographic projections are now being used within the Manitoba public sector, recommend an appropriate set of projections for common use, and assess the implications of adopting such a common set of projections for those agencies currently using alternative projections.

Given the above direction, the Bureau:

1) determined the current and historical users, uses and sources of population projections within the Manitoba public sector through a survey of Data Users Planning Committee contact persons.

2) formed a Demographic Statistics Committee composed of the 7 major users of population projections: Community Services and Corrections; Industry, Trade and Technology; Education; Health; Employment Services and Economic Security; Manitoba Health Services Commission; and Manitoba Hydro.

The Demographic Statistics Committee, chaired by the Bureau reviewed the draft and final Statistics Canada 1981 - 2006 population projections. Details of the Committee activities are included in the Demographic Projections submission to E.R.I.C., dated June 22, 1984.

The Demographic Statistics Committee recommended Scenario 1, the Statistics Canada reference scenario, as the official series of Manitoba level population projections. This recommendation was approved at the E.R.I.C./Jobs Fund Board meeting of July 12, 1984 and adopted by Cabinet on July 18, 1984.

PROJECTED COMPONENTS OF POPULATION GROWTH: MANITOBA 1983 - 2006

CENSUS YEAR	POPULATION (JUNE 1)	BIRTHS	DEATHS	NATURAL INCREASE	NET MIGRATION			CANADA'S POPULATION (JUNE 1)	MANITOBA'S POP'N AS A % OF CANADA'S
					INTER - PROVINCIAL	INTER - NATIONAL	TOTAL		
1983	1047200	16011	8813	7198	-58	2067	2009	24890000	4.207
1984	1056400	15905	8826	7079	698	2298	2996	25120000	4.205
1985	1066400	15844	8858	6986	1554	2530	4084	25351000	4.207
1986	1077500	15735	8901	6834	1550	2530	4080	25583000	4.212
1987	1088400	15578	8969	6609	1536	2530	4066	25808000	4.217
1988	1099100	15365	9044	6320	343	2530	2873	26024000	4.223
1989	1108300	15053	9124	5929	-495	2530	2035	26232000	4.225
1990	1116300	14683	9206	5477	-1351	2530	1179	26428000	4.224
1991	1122900	14318	9287	5031	-2181	2530	349	26613000	4.219
1992	1128300	13885	9374	4511	-2952	2530	-422	26785000	4.212
1993	1132400	13446	9463	3983	-3664	2530	-1134	26945000	4.203
1994	1135200	13000	9554	3446	-4295	2530	-1765	27092000	4.190
1995	1136900	12504	9642	2862	-4838	2530	-2308	27227000	4.176
1996	1137500	12111	9729	2381	-4764	2530	-2234	27350000	4.159
1997	1137600	11897	9929	1968	-4688	2530	-2158	27462000	4.142
1998	1137400	11703	10125	1578	-4611	2530	-2081	27564000	4.126
1999	1136900	11534	10315	1219	-4534	2530	-2004	27657000	4.111
2000	1136100	11389	10500	888	-4456	2530	-1926	27741000	4.095
2001	1135100	11266	10678	588	-4378	2530	-1848	27816000	4.081
2002	1133800	11164	10851	313	-4300	2530	-1770	27884000	4.066
2003	1132400	11078	11017	61	-4222	2530	-1692	27945000	4.052
2004	1130700	11006	11173	-167	-4144	2530	-1614	27999000	4.038
2005	1129000	10941	11325	-383	-4067	2530	-1537	28047000	4.025
2006	1127000							28090000	4.012

NOTE: A CENSUS YEAR IS DEFINED AS JUNE 1 - MAY 31

TABLE 1

MANITOBA PROJECTED POPULATION 1983 - 2006

Table 1 illustrates the annual projected components of population growth for Manitoba for the official population projection series during the period 1983 - 2006.[1] Also shown in Table 1 are the projected populations of Manitoba and Canada and the percentage Manitoba's projected population will be of Canada's.

Manitoba's population of 1,047,200 as of June 1, 1983 is projected to increase to 1,137,600 by June 1, 1997 (an average increase of 0.6% per year) and then slowly decrease to 1,127,000 by June 1, 2006 (the end of the projection period).

Manitoba's population as a percentage of Canada's is projected to increase from 4.207% in 1983 to 4.225% as of June 1, 1989 before declining to 4.012% by the end of the projection period.

The increase in Manitoba's percentage of Canada's population during the first half of the projection period results mainly from the short term positive net inter-provincial migration. With the increasingly negative net inter-provincial migration by the early 1990's, the percentage will decrease as of June 1, 1989 while our population will continue to increase until June 1, 1997. The negative net inter-provincial migration of the 1990's and the decreasing number of births and increasing number of deaths will result in a projected population loss for the remainder (1997 - 2006) of the projection period.

The age distribution of Manitoba's population will change due to the decreasing fertility rate and increasing life expectancy. The percentage of children (0 - 14 years) will drop from 22.8% of the population in 1983 to 15.6% by 2006. During the same time period the percentage of seniors (65 years and over) will increase from 12.1% to 15.3% and the group aged 15 - 64 years will increase from 65.0% to 69.1% of Manitoba's population.

The sex distribution of Manitoba's population will change slightly during the projection period. The percentage of females will increase from 50.7% in 1983 to 50.9% in 2006.

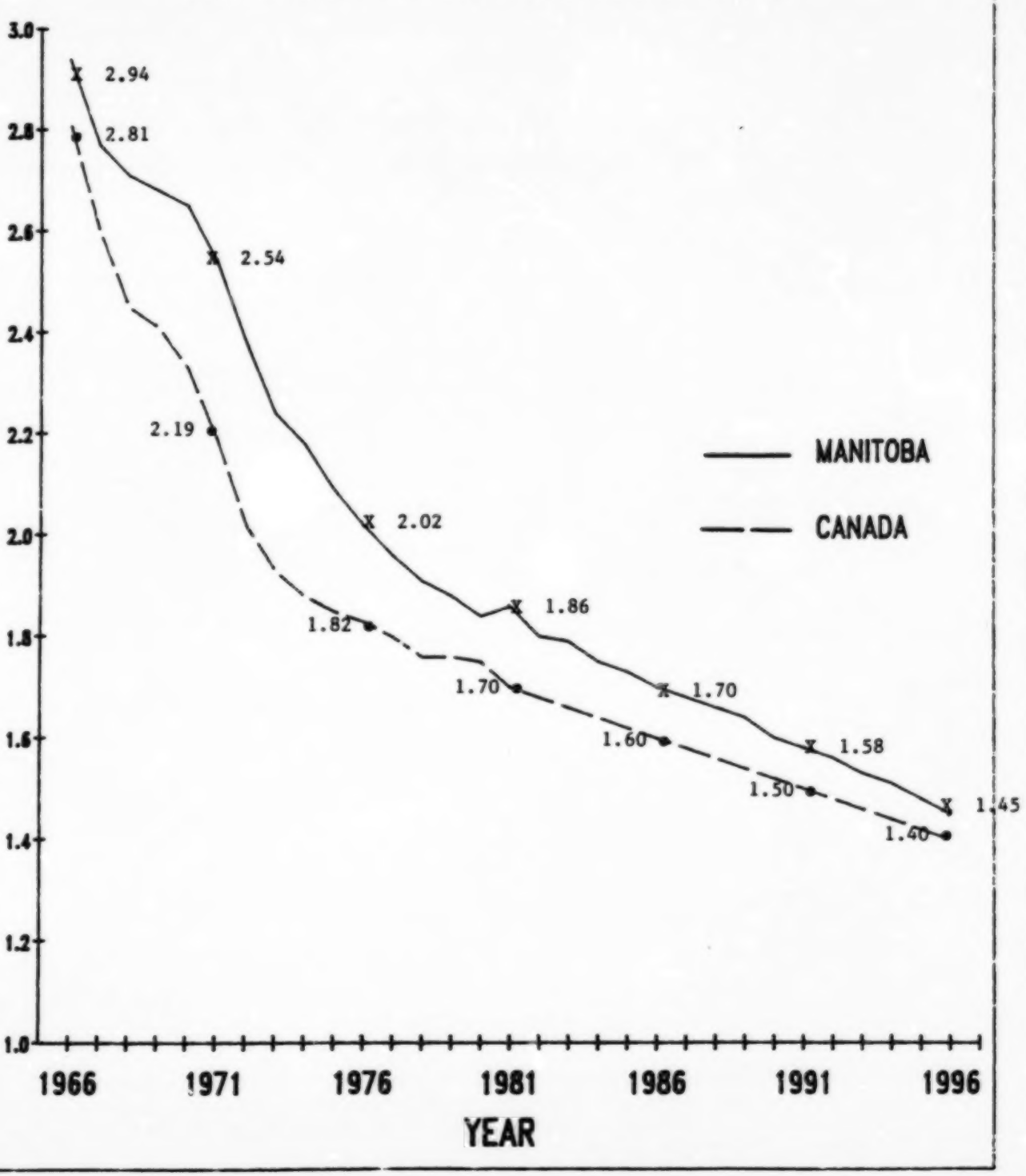
Details of the Manitoba projected population on a sex and age group basis are presented in Appendix A - D.

---

1 - Details of Statistics Canada Scenario 1 and other projection scenarios may be found in the publication 91-520, "Population Projections for Canada, Provinces and Territories, 1981 - 2006" to be published by Statistics Canada in October or November, 1984.

CHART 1

TOTAL FERTILITY RATES
MANITOBA AND CANADA
1966–1981 ACTUAL AND 1982–1996 PROJECTED



PROJECTED POPULATION COMPONENTS

This section provides historical and projected data on the 4 population components:

fertility
international migration
interprovincial migration
mortality

FERTILITY

The fertility assumption is expressed as the total fertility rate[1], the expected number of births per woman during the period 15 - 49 years of age.

Table 2 and Chart 1 show the total fertility rates for Manitoba and Canada on a quinquennial basis from 1966 to 1996. It is projected that the decline in the total fertility rates will continue until a value of 1.45 in Manitoba (1.40 in Canada) is reached in 1996-7. The rate will then remain constant for the remainder of the projection period.

TABLE 2

TOTAL FERTILITY RATE

	ACTUAL				PROJECTED		
CENSUS YEAR	1966	1971	1976	1981	1986	1991	1996
Manitoba	2.94	2.54	2.02	1.86	1.70	1.58	1.45
Canada	2.81	2.19	1.82	1.70	1.60	1.50	1.40

The number of births in Manitoba is projected to decline from 16,011 in 1983-84 to 12,111 in the year 1996-97. This decrease will be due to the projected declining fertility rate and the ageing of the population. The number of births is projected to decrease further to 10,941 by 2005-06. This decline will be due to the ageing of the population only.

---

1 - Total fertility rate is defined as the sum of the female age-specific fertility rates multiplied by 5 where the age-specific fertility rate is the birth rate per woman in the respective 5 year age period from 15 - 49 years of age.

NET INTERNATIONAL MIGRATION
MANITOBA
1961–1982 ACTUAL AND 1983–1996 PROJECTED

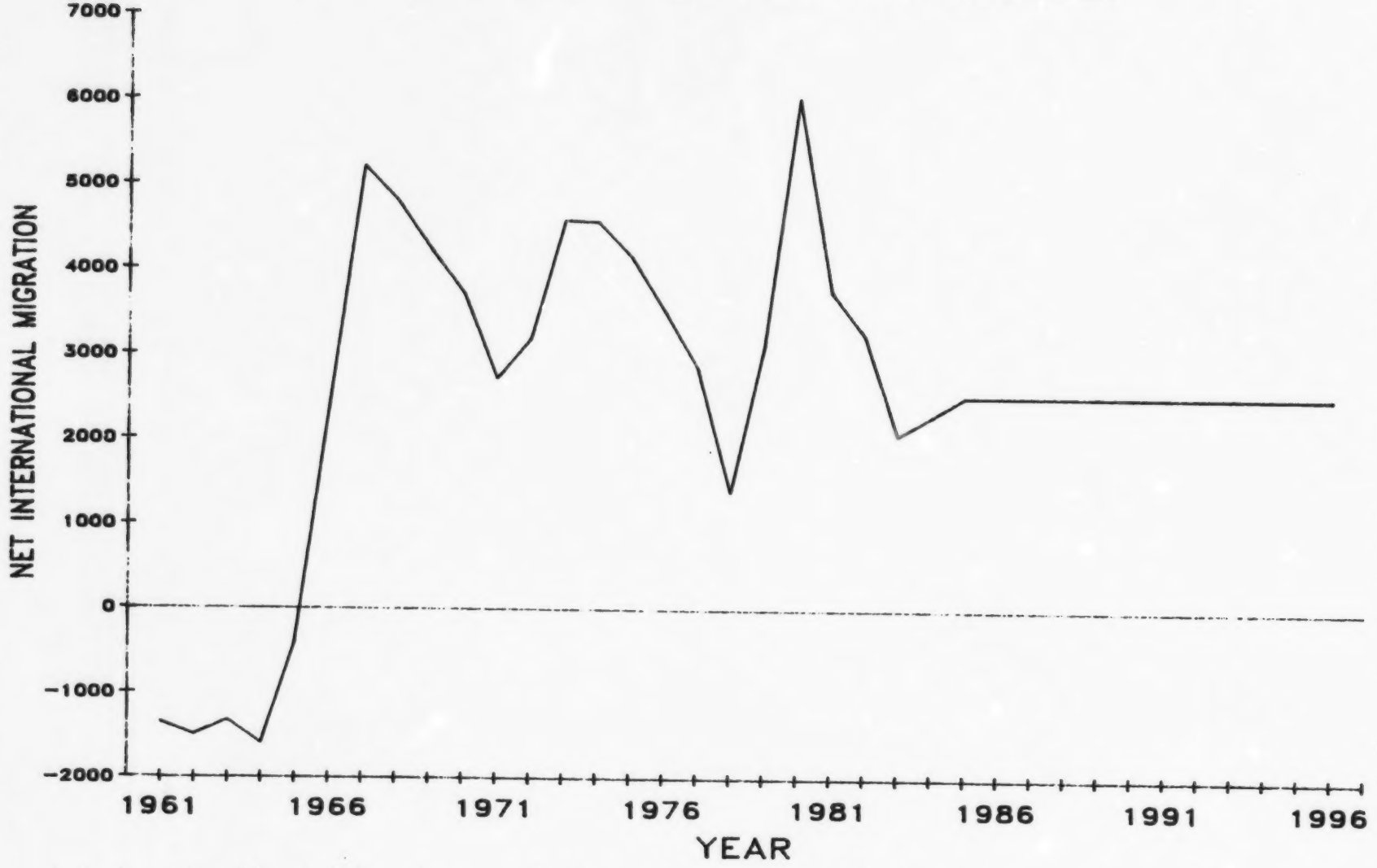


CHART 2

INTERNATIONAL MIGRATION

Table 3 shows the international migration components for Manitoba and Canada during the period 1971-72 to 1982-83 and projected components to 1995-96. The immigration component is considerably more volatile than the emigration component. The first 3 years of the projected immigration figures for Canada are the low level of the annual Canada Employment and Immigration Commission targets for immigration. For the remainder of the projection period the projected immigration is held constant at the level of 100,000 while the level of emigration for the entire projection period is set at 50,000, the average of the last 5 years.

TABLE 3

INTERNATIONAL MIGRATION COMPONENTS: CANADA AND MANITOBA

	CANADA			MANITOBA		
	IMMIGRATION	EMIGRATION	NET MIGRATION	IMMIGRATION	EMIGRATION	NET MIGRATION
1971-72	118,000	66,000	52,000	5,040	2,313	2,727
72-73	130,000	62,000	68,000	5,381	2,180	3,201
73-74	214,000	84,000	130,000	7,534	2,940	4,594
74-75	213,000	79,000	134,000	7,351	2,779	4,572
75-76	165,000	65,000	100,000	6,456	2,289	4,167
76-77	133,000	57,000	76,000	5,321	1,785	3,536
77-78	105,000	63,000	42,000	4,532	1,666	2,866
78-79	83,000	64,000	19,000	3,538	2,145	1,393
79-80	138,000	51,000	87,000	4,592	1,443	3,149
80-81	129,000	44,000	85,000	7,439	1,382	6,057
81-82	135,000	42,000	93,000	5,219	1,455	3,764
82-83	105,000	48,000	57,000	4,555	1,308	3,247
83-84	90,000	50,000	40,000	Not Available		2,067
84-85	95,000	50,000	45,000	Not Available		2,298
85-86	100,000	50,000	50,000	Not Available		2,530
86-87	100,000	50,000	50,000	Not Available		2,530
↓						
1995-96	100,000	50,000	50,000	Not Available		2,530

Chart 2 illustrates Manitoba's net migration situation from 1961-62 to 1996-97.

NET INTERPROVINCIAL MIGRATION
MANITOBA
1961–1982 ACTUAL AND 1983–2006 PROJECTED

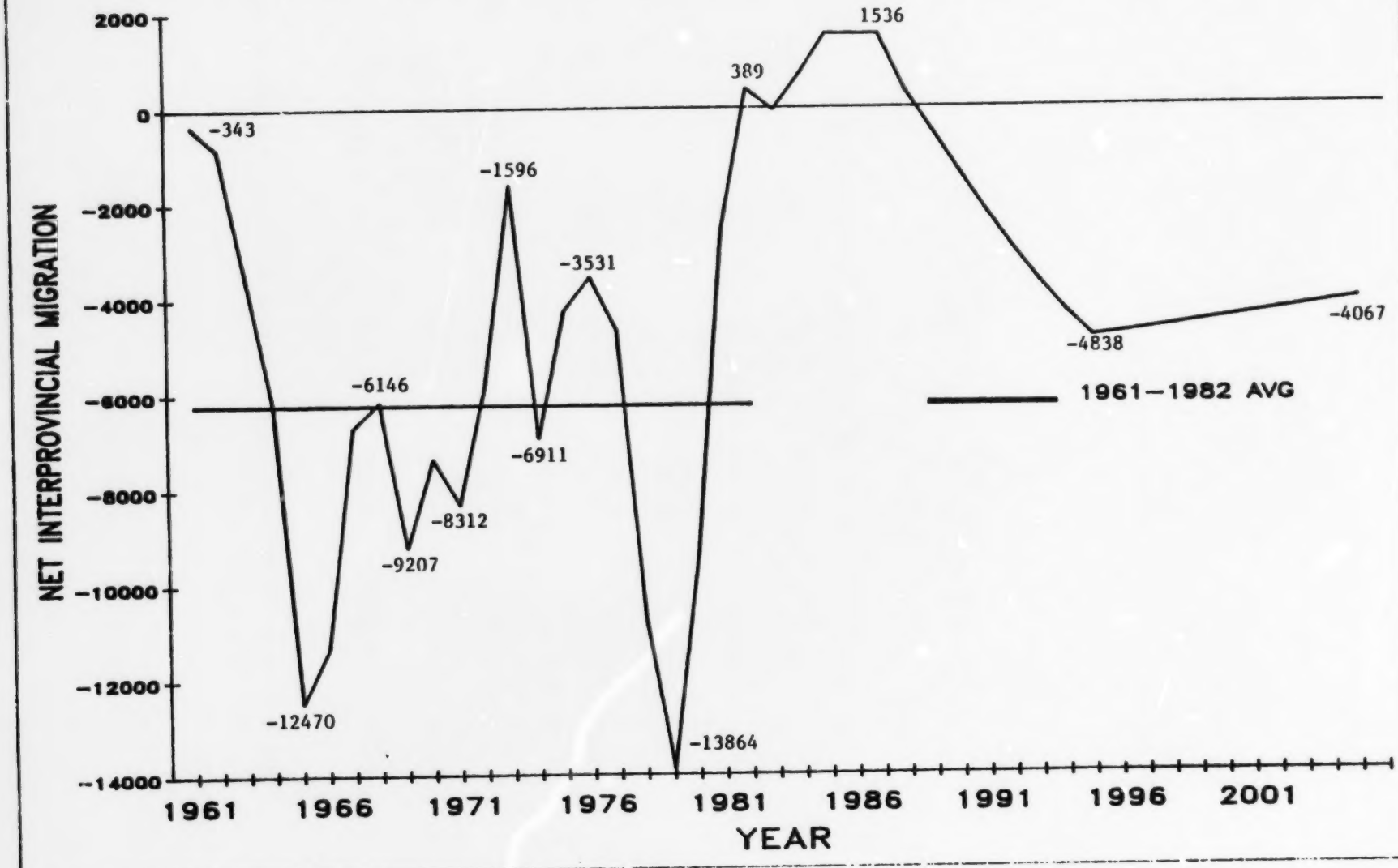


CHART 3

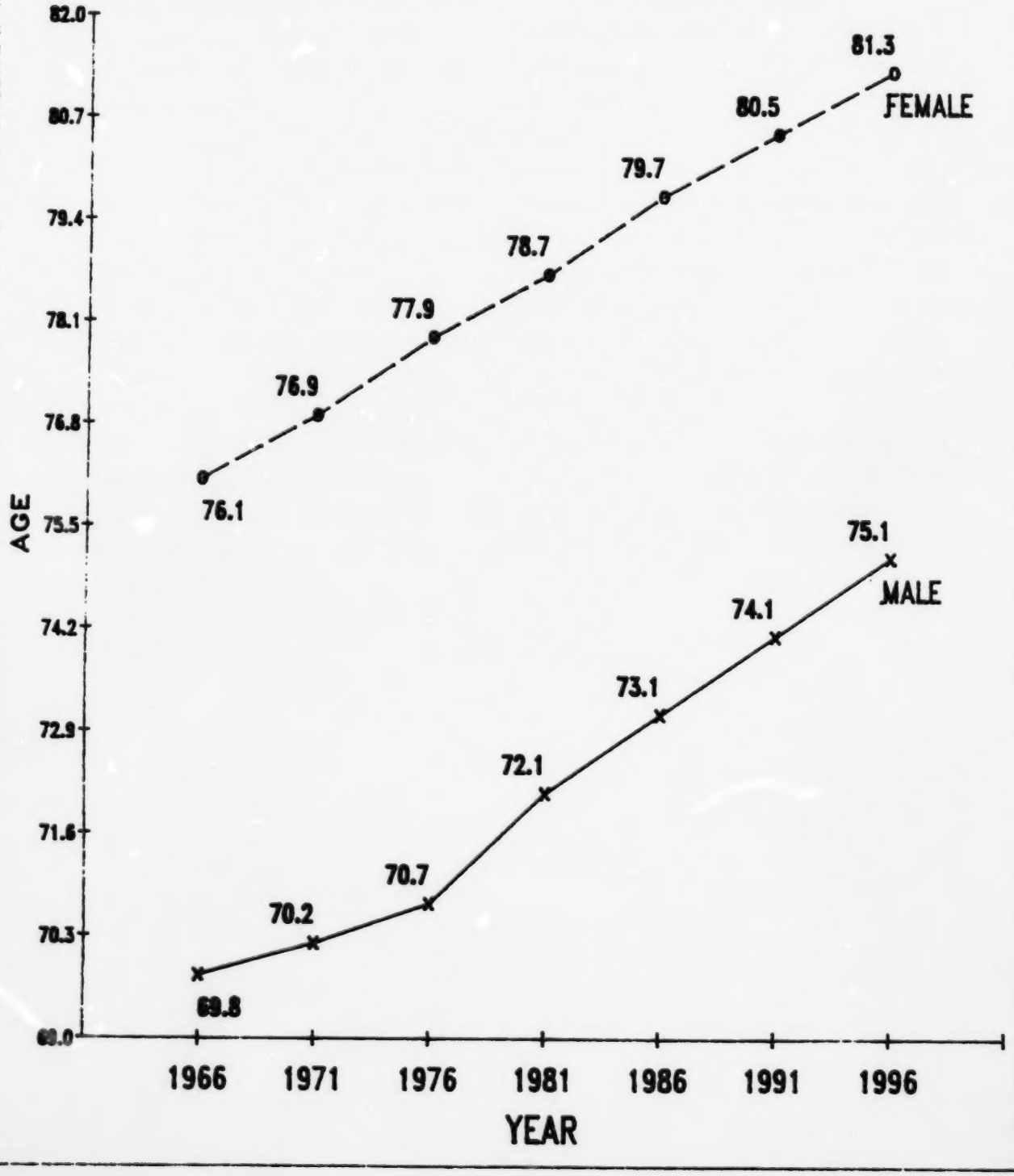
INTERPROVINCIAL MIGRATION

Interprovincial migration is the most volatile component of population growth and can have the greatest impact on the year-to-year change in Manitoba's population. In the last several years there has been a reversal of the westward flow of the 1970's and the present migration trends are toward Ontario. This has resulted in a present favourable interprovincial migration situation for Manitoba. By the end of the 1980's the national trend is projected to revert back to the westward flow of the 1970's resulting in increasing negative migration figures for Manitoba.

Chart 3 presents data on Manitoba's net interprovincial migration. During the period since 1961-62 (when interprovincial migration estimates were first produced), net interprovincial migration has ranged from -13,864 in 1979-80 to +389 in 1982-83 with the average for the 22 year period being -6,153.

It is projected that the net figure will be negative for 1983-84 and then positive for the 5 years to 1988-89. The net interprovincial migration will then be increasingly negative until a value of -4,838 is to be reached in 1995-96. The average figure for the 23 year period to 2005-6 is projected to be -2,540.

LIFE EXPECTANCY AT BIRTH
MANITOBA
1966–1981 ACTUAL AND 1986–1996 PROJECTED



MORTALITY

The assumption for mortality is expressed by the life expectancy at birth which is calculated from life survival tables for Manitoba and Canada. Table 4 and Chart 4 show the Manitoba and Canada life expectancy at birth for males and females on a quinquennial basis.

TABLE 4

LIFE EXPECTANCY AT BIRTH

	ACTUAL				PROJECTED		
MANITOBA	1966	1971	1976	1981	1986	1991	1996
Males	69.8	70.2	70.7	72.1	73.1	74.1	75.1
Females	76.1	76.9	77.9	78.7	79.7	80.5	81.3
Female-Male Difference	6.3	6.7	7.2	6.6	6.6	6.4	6.2

	ACTUAL				PROJECTED		
CANADA	1966	1971	1976	1981	1986	1991	1996
Males	68.8	69.3	70.2	71.9	72.9	73.9	74.9
Females	75.2	76.4	77.5	78.9	79.9	80.7	81.5
Female-Male Differences	6.4	7.1	7.3	7.0	7.0	6.8	6.6

It is projected that the life expectancy for Manitoba males will increase from 72.1 to 75.1 between 1981-82 and 1996-97. For the same time period the increase for Manitoba females is projected to be from 78.7 to 81.3.

Although the life expectancy is projected to increase, the changing age-sex distribution will result in a projected increased number of deaths in Manitoba, from 8,813 in 1983-84 to 11,325 in 2005-06.

With the projected decrease in number of births, as discussed previously, the natural increase (births minus deaths) in Manitoba's population will decline from 7,198 in 1983-84 to -167 in 2004-05 and -383 in 2005-06.

CONCLUSION

An official series of population projections have been adopted by Cabinet (on the recommendation of the Economic Resource and Investment Committee of Cabinet) for common use within the Manitoba public sector. In addition, Cabinet has also approved the following:

i) The Demographic Statistics Committee be instructed to review the official Manitoba level population projection series on an annual basis and if warranted, recommend a revised projection series.

ii) The Demographic Statistics Committee be instructed to develop population projections of common sub-provincial region and sub-population groups to meet the requirements of departments and agencies. These projections will be consistent with the official Manitoba level series.

iii) Projections for department specific sub-provincial regions should be the responsibility of individual departments and agencies. These projections should also be consistent with the official Manitoba level series.

For further information on the official series of Manitoba level population projections, contact David Greenwood of the Manitoba Bureau of Statistics at 945-2803.

TABLE A1 MANITOBA PROJECTED POPULATION BY SEX AND AGE (IN 000'S) 1983-2006 BOTH SEXES

AGE

	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-89	90+	TOTAL
1983	79.6	77.7	81.9	90.2	97.1	90.3	81.0	69.7	54.8	48.6	49.8	50.7	48.8	122.9	4.1	1047.2
1984	80.2	77.2	81.2	86.8	99.2	91.5	83.0	72.7	56.8	49.1	49.4	49.9	49.9	125.3	4.1	1056.4
1985	80.4	77.0	80.4	84.3	99.8	93.7	85.3	75.9	58.8	49.6	48.7	49.7	50.3	128.3	4.1	1066.4
1986	80.6	77.1	79.3	83.5	99.0	96.2	87.5	78.9	61.0	50.5	48.7	49.4	50.1	131.6	4.2	1077.5
1987	80.1	78.4	78.4	83.3	96.6	98.2	89.8	79.8	65.5	52.0	48.0	49.4	49.6	135.2	4.2	1088.4
1988	79.1	79.9	77.8	83.0	93.5	100.5	92.0	81.0	69.2	54.0	48.0	49.2	49.2	138.5	4.2	1099.1
1989	78.4	80.7	77.6	82.3	90.0	102.4	93.3	83.3	72.3	56.1	48.6	48.9	48.6	141.7	4.2	1108.3
1990	77.4	80.9	77.5	81.5	87.3	102.6	95.2	85.6	75.5	58.2	49.1	48.2	48.4	144.6	4.3	1116.3
1991	76.2	80.9	77.4	80.3	86.2	101.1	97.2	87.5	78.3	60.2	50.0	48.1	48.1	147.1	4.4	1122.9
1992	74.6	80.0	78.4	79.1	85.5	98.0	98.5	89.4	78.9	64.6	51.4	47.5	48.1	149.7	4.5	1128.3
1993	72.9	78.7	79.7	78.4	84.7	94.1	99.9	91.1	79.9	68.0	53.3	47.4	47.9	151.7	4.7	1132.4
1994	70.9	77.6	80.2	78.0	83.6	90.1	101.0	92.1	81.8	70.9	55.3	47.9	47.5	153.5	4.9	1135.2
1995	68.8	76.4	80.1	77.6	82.3	86.9	100.6	93.4	83.8	73.9	57.2	48.4	46.9	155.4	5.1	1136.9
1996	66.6	74.8	79.9	77.4	80.7	85.2	98.5	94.9	85.5	76.4	59.1	49.3	46.8	157.0	5.4	1137.5
1997	64.4	73.1	78.9	78.2	79.4	84.1	95.1	95.8	87.2	76.9	63.3	50.6	46.2	158.6	5.6	1137.6
1998	62.4	71.2	77.5	79.3	78.5	83.1	91.1	96.8	88.7	77.8	66.6	52.5	46.2	159.8	5.8	1137.4
1999	60.7	69.1	76.3	79.8	78.1	81.8	87.2	97.7	89.5	79.6	69.4	54.4	46.6	160.6	6.1	1136.9
2000	59.3	67.1	75.0	79.7	77.8	80.5	84.1	97.1	90.7	81.5	72.3	56.3	47.1	161.3	6.3	1136.1
2001	58.2	64.9	73.5	79.5	77.7	79.1	82.5	95.1	92.1	83.1	74.8	58.1	47.9	162.1	6.6	1135.1
2002	57.4	62.8	71.8	78.5	78.5	77.9	81.5	91.9	92.9	84.8	75.3	62.2	49.2	162.3	6.9	1133.8
2003	56.6	60.9	69.9	77.2	79.5	77.2	80.5	88.0	93.8	86.3	76.1	65.4	51.0	162.5	7.2	1132.4
2004	56.0	59.3	67.9	76.1	80.0	76.9	79.3	84.2	94.6	87.0	77.9	68.2	52.9	163.1	7.5	1130.7
2005	55.5	57.9	65.8	74.8	80.0	76.7	78.1	81.3	94.1	88.2	79.8	71.0	54.6	163.4	7.8	1129.0
2006	55.1	56.9	63.8	73.3	79.8	76.6	76.7	79.8	92.1	89.5	81.4	73.4	56.4	164.5	8.0	1127.0

TABLE A2 MANITOBA PROJECTED POPULATION BY SEX AND AGE 1983-2006 FEMALE
(IN 000'S)

	AGE															
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-89	90+	TOTAL
1983	38.7	37.7	40.1	44.2	48.3	45.3	40.8	34.7	27.3	24.3	25.2	26.3	26.0	69.2	2.8	531.0
1984	38.9	37.6	39.7	42.5	49.2	45.8	41.9	36.4	28.4	24.5	24.9	25.8	26.7	70.6	2.8	535.7
1985	39.1	37.5	39.3	41.3	49.3	46.8	43.1	38.1	29.3	24.8	24.5	25.6	26.9	72.5	2.9	540.8
1986	39.2	37.5	38.6	40.9	48.8	48.0	44.0	39.6	30.5	25.3	24.5	25.4	26.7	74.5	3.0	546.4
1987	38.9	38.1	38.1	40.7	47.5	49.0	45.2	40.1	32.7	26.1	24.1	25.3	26.3	76.7	3.0	551.9
1988	38.4	38.8	37.9	40.6	45.7	50.0	46.2	40.8	34.6	27.1	24.2	25.2	25.9	78.7	3.1	557.3
1989	38.1	39.2	37.8	40.3	44.0	50.7	46.8	42.0	36.2	28.2	24.5	24.9	25.4	80.8	3.1	562.0
1990	37.6	39.3	37.7	39.8	42.7	50.7	47.6	43.3	38.0	29.1	24.8	24.5	25.2	82.5	3.2	566.1
1991	37.0	39.3	37.7	39.1	42.2	49.9	48.6	44.1	39.4	30.2	25.2	24.5	25.0	83.9	3.3	569.5
1992	36.3	38.9	38.2	38.5	41.8	48.2	49.3	45.1	39.8	32.4	26.0	24.2	25.0	85.4	3.4	572.3
1993	35.4	38.2	38.8	38.1	41.4	46.2	49.9	45.9	40.4	34.2	27.0	24.2	24.8	86.5	3.5	574.5
1994	34.4	37.7	39.0	38.0	40.8	44.2	50.3	46.3	41.4	35.7	28.0	24.5	24.5	87.6	3.7	576.1
1995	33.4	37.1	39.0	37.8	40.2	42.6	50.0	46.9	42.5	37.3	28.9	24.7	24.1	88.6	3.9	577.1
1996	32.3	36.3	38.9	37.7	39.3	41.8	48.9	47.7	43.2	38.7	29.9	25.2	24.1	89.3	4.1	577.6
1997	31.3	35.5	38.4	38.1	38.6	41.3	47.1	48.1	44.2	39.0	32.0	25.9	23.8	90.3	4.3	577.8
1998	30.3	34.6	37.7	38.6	38.2	40.8	45.0	48.6	44.9	39.5	33.8	26.8	23.8	90.9	4.5	577.9
1999	29.5	33.6	37.1	38.8	38.1	40.2	43.0	48.9	45.3	40.5	35.3	27.8	24.0	91.1	4.7	577.8
2000	28.8	32.6	36.5	38.8	37.9	39.5	41.5	48.5	45.8	41.6	36.8	28.7	24.3	91.4	4.8	577.6
2001	28.3	31.5	35.7	38.7	37.8	38.7	40.8	47.4	46.6	42.3	38.2	29.7	24.7	91.8	5.0	577.2
2002	27.9	30.5	34.9	38.2	38.2	38.1	40.2	45.7	46.9	43.2	38.5	31.8	25.4	91.8	5.3	576.7
2003	27.5	29.6	34.0	37.6	38.7	37.8	39.8	43.7	47.4	43.9	39.0	33.5	26.4	92.0	5.5	576.1
2004	27.2	28.8	33.0	37.0	38.9	37.6	39.2	41.8	47.6	44.3	40.0	34.9	27.3	92.1	5.7	575.4
2005	27.0	28.1	32.0	36.4	38.9	37.5	38.5	40.3	47.2	44.8	41.0	36.5	28.2	92.2	6.0	574.7
2006	26.8	27.6	31.0	35.6	38.8	37.5	37.8	39.6	46.2	45.5	41.7	37.8	29.1	92.7	6.1	573.8

TABLE A3 MANITOBA PROJECTED POPULATION BY SEX AND AGE (IN 000'S) 1983-2006 MALE

	AGE															
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-89	90+	TOTAL
1983	40.9	40.0	41.8	46.0	48.8	45.0	40.2	34.9	27.4	24.3	24.6	24.4	22.8	53.8	1.3	516.1
1984	41.3	39.7	41.4	44.3	50.0	45.7	41.2	36.3	28.4	24.6	24.5	24.1	23.2	54.5	1.3	520.6
1985	41.4	39.6	41.1	43.0	50.5	46.9	42.2	37.8	29.5	24.8	24.3	24.1	23.4	55.8	1.2	525.6
1986	41.5	39.6	40.7	42.6	50.2	48.2	43.5	39.3	30.5	25.2	24.2	24.0	23.4	57.0	1.2	531.1
1987	41.2	40.3	40.2	42.5	49.1	49.3	44.6	39.7	32.8	25.9	23.9	24.1	23.3	58.4	1.2	536.5
1988	40.6	41.1	40.0	42.3	47.7	50.5	45.8	40.2	34.6	26.9	23.8	24.0	23.4	59.7	1.1	541.8
1989	40.3	41.5	39.8	42.1	46.1	51.6	46.5	41.3	36.0	28.0	24.1	24.0	23.1	60.9	1.1	546.3
1990	39.8	41.6	39.7	41.7	44.7	51.9	47.6	42.3	37.5	29.0	24.3	23.7	23.2	62.2	1.1	550.2
1991	39.1	41.6	39.7	41.2	44.0	51.2	48.5	43.4	38.9	30.0	24.7	23.6	23.1	63.2	1.1	553.4
1992	38.4	41.2	40.2	40.6	43.7	49.8	49.3	44.3	39.2	32.2	25.4	23.4	23.1	64.1	1.1	556.0
1993	37.5	40.5	40.9	40.2	43.3	48.0	50.0	45.3	39.5	33.8	26.3	23.3	23.1	65.3	1.2	557.9
1994	36.4	39.9	41.2	40.0	42.7	45.9	50.7	45.7	40.4	35.1	27.3	23.5	23.0	66.0	1.2	559.1
1995	35.4	39.3	41.1	39.8	42.1	44.3	50.6	46.5	41.3	36.5	28.3	23.7	22.8	66.9	1.2	559.8
1996	34.2	38.5	41.0	39.7	41.4	43.4	49.6	47.2	42.2	37.7	29.2	24.1	22.7	67.6	1.3	559.9
1997	33.1	37.6	40.5	40.1	40.8	42.9	48.0	47.6	43.0	37.9	31.3	24.8	22.4	68.4	1.3	559.8
1998	32.1	36.6	39.8	40.7	40.3	42.3	46.2	48.2	43.8	38.3	32.9	25.6	22.4	69.1	1.4	559.5
1999	31.2	35.6	39.2	41.0	40.1	41.7	44.2	48.8	44.2	39.1	34.1	26.6	22.6	69.6	1.4	559.1
2000	30.5	34.5	38.5	40.9	39.9	41.1	42.6	48.6	44.9	39.9	35.5	27.6	22.8	69.8	1.5	558.6
2001	29.9	33.4	37.7	40.8	39.9	40.4	41.8	47.7	45.5	40.8	36.6	28.4	23.2	70.2	1.5	557.9
2002	29.5	32.3	36.8	[illegible]	40.3	39.8	41.3	46.2	45.9	41.6	36.8	30.5	23.8	70.4	1.6	557.1
2003	29.1	31.3	35.9	[illegible]	40.8	39.4	40.7	44.4	46.5	42.4	37.2	32.0	24.7	70.7	1.7	556.2
2004	28.8	30.5	34.9	[illegible]	41.1	39.2	40.1	42.5	47.0	42.7	37.9	33.2	25.6	70.9	1.8	555.3
2005	28.6	29.8	33.8	[illegible]	41.1	39.1	39.5	41.0	46.8	43.4	38.8	34.5	26.5	71.2	1.8	554.3
2006	28.3	29.3	32.7	[illegible]	40.9	39.1	38.9	40.2	45.9	44.0	39.6	35.6	27.3	71.8	1.9	553.2

TABLE B1 PERCENTAGE OF MANITOBA PROJECTED POPULATION - BY SEX AND AGE 1983-2006 BOTH SEXES

	AGE														
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-89	90+	TOTAL
1983	7.6%	7.4%	7.8%	8.6%	9.3%	8.6%	7.7%	6.7%	5.2%	4.6%	4.8%	4.8%	4.7%	11.7%	0.4%	100.0
1984	7.6	7.3	7.7	8.2	9.4	8.7	7.9	6.9	5.4	4.6	4.7	4.7	4.7	11.9	0.4	100.0
1985	7.5	7.2	7.5	7.9	9.4	8.8	8.0	7.1	5.5	4.7	4.6	4.7	4.7	12.0	0.4	100.0
1986	7.5	7.2	7.4	7.7	9.2	8.9	8.1	7.3	5.7	4.7	4.5	4.6	4.6	12.2	0.4	100.0
1987	7.4	7.2	7.2	7.7	8.9	9.0	8.3	7.3	6.0	4.8	4.4	4.5	4.6	12.4	0.4	100.0
1988	7.2	7.3	7.1	7.6	8.5	9.1	8.4	7.4	6.3	4.9	4.4	4.5	4.5	12.6	0.4	100.0
1989	7.1	7.3	7.0	7.4	8.1	9.2	8.4	7.5	6.5	5.1	4.4	4.4	4.4	12.8	0.4	100.0
1990	6.9	7.2	6.9	7.3	7.8	9.2	8.5	7.7	6.8	5.2	4.4	4.3	4.3	13.0	0.4	100.0
1991	6.8	7.2	6.9	7.2	7.7	9.0	8.7	7.8	7.0	5.4	4.5	4.3	4.3	13.1	0.4	100.0
1992	6.6	7.1	6.9	7.0	7.6	8.7	8.7	7.9	7.0	5.7	4.6	4.2	4.3	13.3	0.4	100.0
1993	6.4	6.9	7.0	6.9	7.5	8.3	8.8	8.0	7.1	6.0	4.7	4.2	4.2	13.4	0.4	100.0
1994	6.2	6.8	7.1	6.9	7.4	7.9	8.9	8.1	7.2	6.2	4.9	4.2	4.2	13.5	0.4	100.0
1995	6.1	6.7	7.0	6.8	7.2	7.6	8.8	8.2	7.4	6.5	5.0	4.3	4.1	13.7	0.4	100.0
1996	5.9	6.6	7.0	6.8	7.1	7.5	8.7	8.3	7.5	6.7	5.2	4.3	4.1	13.8	0.5	100.0
1997	5.7	6.4	6.9	6.9	7.0	7.4	8.4	8.4	7.7	6.8	5.6	4.4	4.1	13.9	0.5	100.0
1998	5.5	6.3	6.8	7.0	6.9	7.3	8.0	8.5	7.8	6.8	5.9	4.6	4.1	14.0	0.5	100.0
1999	5.3	6.1	6.7	7.0	6.9	7.2	7.7	8.6	7.9	7.0	6.1	4.8	4.1	14.1	0.5	100.0
2000	5.2	5.9	6.6	7.0	6.8	7.1	7.4	8.5	8.0	7.2	6.4	5.0	4.1	14.2	0.6	100.0
2001	5.1	5.7	6.5	7.0	6.8	7.0	7.3	8.4	8.1	7.3	6.6	5.1	4.2	14.3	0.6	100.0
2002	5.1	5.5	6.3	6.9	6.9	6.9	7.2	8.1	8.2	7.5	6.6	5.5	4.3	14.3	0.6	100.0
2003	5.0	5.4	6.2	6.8	7.0	6.8	7.1	7.8	8.3	7.6	6.7	5.8	4.5	14.4	0.6	100.0
2004	5.0	5.2	6.0	6.7	7.1	6.8	7.0	7.4	8.4	7.7	6.9	6.0	4.7	14.4	0.7	100.0
2005	4.9	5.1	5.8	6.6	7.1	6.8	6.9	7.2	8.3	7.8	7.1	6.3	4.8	14.5	0.7	100.0
2006	4.9	5.0	5.7	6.5	7.1	6.8	6.8	7.1	8.2	7.9	7.2	6.5	5.0	14.6	0.7	100.0

TABLE B2 PERCENTAGE OF MANITOBA PROJECTED POPULATION - BY SEX AND AGE GROUP 1983-2006 FEMALE

	AGE														
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-89	90+	TOTAL
1983	7.3%	7.1%	7.6%	8.3%	9.1%	8.5%	7.7%	6.5%	5.1%	4.6%	4.7%	5.0%	4.9%	13.0%	0.5%	100.0%
1984	7.3	7.0	7.4	7.9	9.2	8.5	7.8	6.8	5.3	4.6	4.6	4.8	5.0	13.2	0.5	100.0
1985	7.2	6.9	7.3	7.6	9.1	8.7	8.0	7.0	5.4	4.6	4.5	4.7	5.0	13.4	0.5	100.0
1986	7.2	6.9	7.1	7.5	8.9	8.8	8.1	7.2	5.6	4.6	4.5	4.6	4.9	13.6	0.5	100.0
1987	7.0	6.9	6.9	7.4	8.6	8.9	8.2	7.3	5.9	4.7	4.4	4.6	4.8	13.9	0.5	100.0
1988	6.9	7.0	6.8	7.3	8.2	9.0	8.3	7.3	6.2	4.9	4.3	4.5	4.6	14.1	0.6	100.0
1989	6.8	7.0	6.7	7.2	7.8	9.0	8.3	7.5	6.4	5.0	4.4	4.4	4.5	14.4	0.6	100.0
1990	6.6	6.9	6.7	7.0	7.5	9.0	8.4	7.6	6.7	5.1	4.4	4.3	4.5	14.6	0.6	100.0
1991	6.5	6.9	6.6	6.9	7.4	8.8	8.5	7.7	6.9	5.3	4.4	4.3	4.4	14.7	0.6	100.0
1992	6.3	6.8	6.7	6.7	7.3	8.4	8.6	7.9	7.0	5.7	4.5	4.2	4.4	14.9	0.6	100.0
1993	6.2	6.6	6.8	6.6	7.2	8.0	8.7	8.0	7.0	6.0	4.7	4.2	4.3	15.1	0.6	100.0
1994	6.0	6.5	6.8	6.6	7.1	7.7	8.7	8.0	7.2	6.2	4.9	4.3	4.3	15.2	0.6	100.0
1995	5.8	6.4	6.8	6.5	7.0	7.4	8.7	8.1	7.4	6.5	5.0	4.3	4.2	15.4	0.7	100.0
1996	5.6	6.3	6.7	6.5	6.8	7.2	8.5	8.3	7.5	6.7	5.2	4.4	4.2	15.5	0.7	100.0
1997	5.4	6.1	6.6	6.6	6.7	7.1	8.2	8.3	7.6	6.7	5.5	4.5	4.1	15.6	0.7	100.0
1998	5.2	6.0	6.5	6.7	6.6	7.1	7.8	8.4	7.8	6.8	5.8	4.6	4.1	15.7	0.8	100.0
1999	5.1	5.8	6.4	6.7	6.6	7.0	7.4	8.5	7.8	7.0	6.1	4.8	4.2	15.8	0.8	100.0
2000	5.0	5.6	6.3	6.7	6.6	6.8	7.2	8.4	7.9	7.2	6.4	5.0	4.2	15.8	0.8	100.0
2001	4.9	5.5	6.2	6.7	6.5	6.7	7.1	8.2	8.1	7.3	6.6	5.1	4.3	15.9	0.9	100.0
2002	4.8	5.3	6.1	6.6	6.6	6.6	7.0	7.9	8.1	7.5	6.7	5.5	4.4	15.9	0.9	100.0
2003	4.8	5.1	5.9	6.5	6.7	6.6	6.9	7.6	8.2	7.6	6.8	5.8	4.6	16.0	1.0	100.0
2004	4.7	5.0	5.7	6.4	6.8	6.5	6.8	7.3	8.3	7.7	7.0	6.1	4.7	16.0	1.0	100.0
2005	4.7	4.9	5.6	6.3	6.8	6.5	6.7	7.0	8.2	7.8	7.1	6.4	4.9	16.0	1.0	100.0
2006	4.7	4.8	5.4	6.2	6.8	6.5	6.6	6.9	8.1	7.9	7.3	6.6	5.1	16.2	1.1	100.0

TABLE B3 PERCENTAGE OF MANITOBA PROJECTED POPULATION - BY SEX AND AGE 1983-2006 MALE

	AGE														
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-89	90+	TOTAL
1983	7.9%	7.8%	8.1%	8.9%	9.5%	8.7%	7.8%	6.8%	5.3%	4.7%	4.8%	4.7%	4.4%	10.4%	0.3%	100.0%
1984	7.9	7.6	8.0	8.5	9.6	8.8	7.9	7.0	5.5	4.7	4.7	4.6	4.5	10.5	0.2	100.0
1985	7.9	7.5	7.8	8.2	9.6	8.9	8.0	7.2	5.6	4.7	4.6	4.6	4.5	10.6	0.2	100 0
1986	7.8	7.5	7.7	8.0	9.5	9.1	8.2	7.4	5.7	4.7	4.6	4.5	4.4	10.7	0.2	100 0
1987	7.7	7.5	7.5	7.9	9.2	9.2	8.3	7.4	6.1	4.8	4.5	4.5	4.3	10.9	0.2	100.0
1988	7.5	7.6	7.4	7.8	8.8	9.3	8.5	7.4	6.4	5.0	4.4	4.4	4.3	11.0	0.2	100.0
1989	7.4	7.6	7.3	7.7	8.4	9.4	8.5	7.6	6.6	5.1	4.4	4.4	4.2	11.1	0.2	100.0
1990	7.2	7.6	7.2	7.6	8.1	9.4	8.7	7.7	6.8	5.3	4.4	4.3	4.2	11.3	0.2	100.0
1991	7.1	7.5	7.2	7.4	8.0	9.3	8.8	7.8	7.0	5.4	4.5	4.3	4.2	11.4	0.2	100.0
1992	6.9	7.4	7.2	7.3	7.9	9.0	8.9	8.0	7.1	5.8	4.6	4.2	4.2	11.5	0.2	100.0
1993	6.7	7.3	7.3	7.2	7.8	8.6	9.0	8.1	7.1	6.1	4.7	4.2	4.1	11.7	0.2	100.0
1994	6.5	7.1	7.4	7.2	7.6	8.2	9.1	8.2	7.2	6.3	4.9	4.2	4.1	11.8	0.2	100.0
1995	6.3	7.0	7.3	7.1	7.5	7.9	9.0	8.3	7.4	6.5	5.1	4.2	4.1	12.0	0.2	100.0
1996	6.1	6.9	7.3	7.1	7.4	7.8	8.9	8.4	7.5	6.7	5.2	4.3	4.1	12.1	0.2	100.0
1997	5.9	6.7	7.2	7.2	7.3	7.7	8.6	8.5	7.7	6.8	5.6	4.4	4.0	12.2	0.2	100.0
1998	5.7	6.5	7.1	7.3	7.2	7.6	8.3	8.6	7.8	6.8	5.9	4.6	4.0	12.4	0.3	100.0
1999	5.6	6.4	7.0	7.3	7.2	7.5	7.9	8.7	7.9	7.0	6.1	4.8	4.0	12.4	0.3	100.0
2000	5.5	6.2	6.9	7.3	7.1	7.4	7.6	8.7	8.0	7.1	6.4	4.9	4.1	12.5	0.3	100.0
2001	5.4	6.0	6.8	7.3	7.2	7.2	7.5	8.5	8.2	7.3	6.6	5.1	4.2	12.6	0.3	100.0
2002	5.3	5.8	6.6	7.2	7.2	7.1	7.4	8.3	8.2	7.5	6.6	5.5	4.3	12.6	0.3	100.0
2003	5.2	5.6	6.5	7.1	7.3	7.1	7.3	8.0	8.4	7.6	6.7	5.8	4.4	12.7	0.3	100.0
2004	5.2	5.5	6.3	7.0	7.4	7.1	7.2	7.7	8.5	7.7	6.8	6.0	4.6	12.8	0.3	100.0
2005	5.2	5.4	6.1	6.9	7.4	7.1	7.1	7.4	8.4	7.8	7.0	6.2	4.8	12.8	0.3	100.0
2006	5.1	5.3	5.9	6.8	7.4	7.1	7.0	7.3	8.3	8.0	7.2	6.4	4.9	13.0	0.3	100.0

TABLE C1: MANITOBA PROJECTED POPULATION BY SEX AND AGE GROUP
(IN 000'S) BOTH SEXES

	AGE			
	0 - 14	15 - 64	65 +	TOTAL
1983	239.2	681.0	127.0	1047.2
1984	238.6	688.3	129.4	1056.4
1985	237.8	696.1	132.4	1066.4
1986	237.0	704.8	135.8	1077.5
1987	236.9	712.2	139.4	1088.4
1988	236.8	719.6	142.7	1099.1
1989	236.7	725.8	145.9	1108.3
1990	235.8	731.6	148.9	1116.3
1991	234.5	737.0	151.5	1122.9
1992	233.0	741.0	154.2	1128.3
1993	231.3	744.7	156.4	1132.4
1994	228.7	748.2	158.4	1135.2
1995	225.3	751.0	160.5	1136.9
1996	221.3	753.8	162.4	1137.5
1997	216.4	756.8	164.2	1137.6
1998	211.1	760.6	165.6	1137.4
1999	206.1	764.1	166.7	1136.9
2000	201.4	767.1	167.6	1136.1
2001	196.6	769.9	168.7	1135.1
2002	192.0	772.7	169.2	1133.8
2003	187.4	775.0	169.7	1132.4
2004	183.2	777.1	170.6	1130.7
2005	179.2	778.6	171.2	1129.0
2006	175.8	779.0	172.5	1127.0

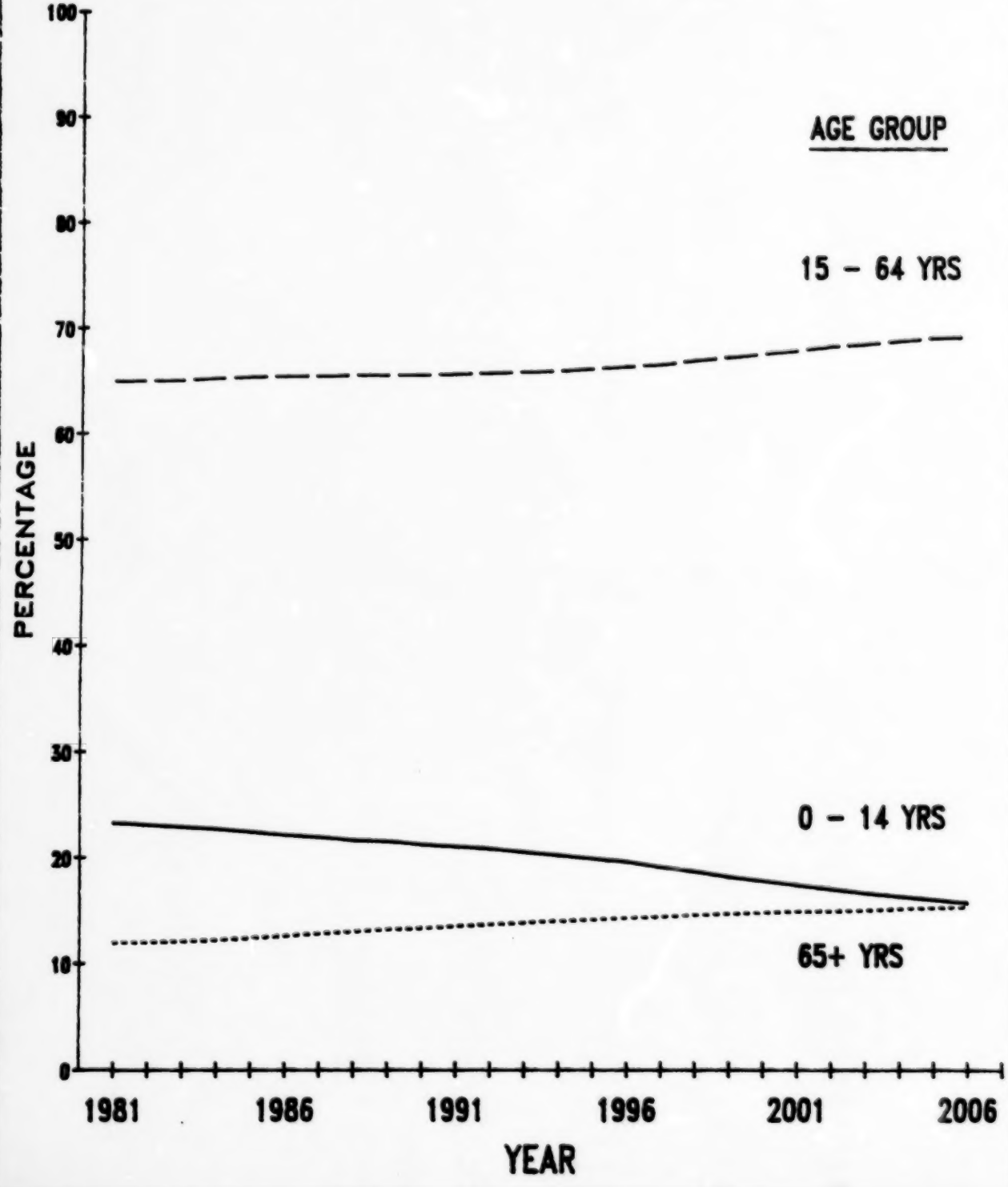
TABLE C2: MANITOBA PROJECTED POPULATION BY SEX AND AGE GROUP (IN 000'S) FEMALE

	AGE			
	0 - 14	15 - 64	65 +	TOTAL
1983	116.5	342.4	72.0	531.0
1984	116.2	346.1	73.4	535.7
1985	115.9	349.7	75.4	540.8
1986	115.3	353.7	77.5	546.4
1987	115.1	357.0	79.7	551.9
1988	115.1	360.3	81.8	557.3
1989	115.1	363.0	83.9	562.0
1990	114.6	365.7	85.7	566.1
1991	114.0	368.2	87.2	569.5
1992	113.4	370.3	88.8	572.3
1993	112.4	372.1	90.0	574.5
1994	111.1	373.7	91.3	576.1
1995	109.5	375.0	92.5	577.1
1996	107.5	376.5	93.4	577.6
1997	105.2	378.1	94.6	577.8
1998	102.6	380.0	95.4	577.9
1999	100.2	381.9	95.8	577.8
2000	97.9	383.4	96.2	577.6
2001	95.5	384.9	96.8	577.2
2002	93.3	386.2	97.1	576.7
2003	91.1	387.8	97.5	576.1
2004	89.0	388.6	97.8	575.4
2005	87.1	389.3	98.2	574.7
2006	85.4	389.6	98.8	573.8

MANITOBA PROJECTED POPULATION BY SEX AND AGE GROUP (IN 000'S) MALE

	AGE			
	0 - 14	15 - 64	65 +	TOTAL
1983	122.7	338.4	55.1	516.1
1984	122.4	342.3	55.8	520.6
1985	122.1	346.5	57.0	525.6
1986	121.8	351.1	58.2	531.1
1987	121.7	355.2	59.6	536.5
1988	121.7	359.2	60.8	541.8
1989	121.6	362.8	62.0	546.3
1990	121.1	365.9	63.3	550.2
1991	120.4	368.6	64.3	553.4
1992	119.8	371.0	65.2	556.0
1993	118.9	372.8	66.5	557.9
1994	117.5	374.3	67.2	559.1
1995	115.8	375.9	68.1	559.8
1996	113.7	377.2	68.9	559.9
1997	111.2	378.8	69.7	559.8
1998	108.5	380.7	70.5	559.5
1999	106.0	382.4	71.0	559.1
2000	103.5	383.8	71.3	558.6
2001	101.0	385.1	71.7	557.9
2002	98.6	386.5	72.0	557.1
2003	96.3	387.7	72.4	556.2
2004	94.2	388.4	72.7	555.3
2005	92.2	389.1	73.0	554.3
2006	90.3	389.1	73.7	553.2

PERCENTAGE OF MANITOBA PROJECTED POPULATION BY SEX AND AGE GROUP - BOTH SEXES



APPENDIX D

TABLE D1: PERCENTAGE OF MANITOBA PROJECTED POPULATION BY SEX AND AGE GROUP - BOTH SEXES

	AGE			
	0 - 14	15 - 64	65 +	TOTAL
1983	22.8%	65.0%	12.1%	100.0%
1984	22.6	65.2	12.2	100.0
1985	22.3	65.3	12.4	100.0
1986	22.0	65.4	12.6	100.0
1987	21.8	65.4	12.8	100.0
1988	21.5	65.5	13.0	100.0
1989	21.4	65.5	13.2	100.0
1990	21.1	65.5	13.3	100.0
1991	20.9	65.6	13.5	100.0
1992	20.7	65.7	13.7	100.0
1993	20.4	65.8	13.8	100.0
1994	20.1	65.9	14.0	100.0
1995	19.8	66.1	14.1	100.0
1996	19.5	66.3	14.3	100.0
1997	19.0	66.5	14.4	100.0
1998	18.6	66.9	14.6	100.0
1999	18.1	67.2	14.7	100.0
2000	17.7	67.5	14.8	100.0
2001	17.3	67.8	14.9	100.0
2002	16.9	68.2	14.9	100.0
2003	16.5	68.4	15.0	100.0
2004	16.2	68.7	15.1	100.0
2005	15.9	69.0	15.2	100.0
2006	15.6	69.1	15.3	100.0

PERCENTAGE OF MANITOBA PROJECTED POPULATION BY SEX AND AGE GROUP - FEMALE & MALE

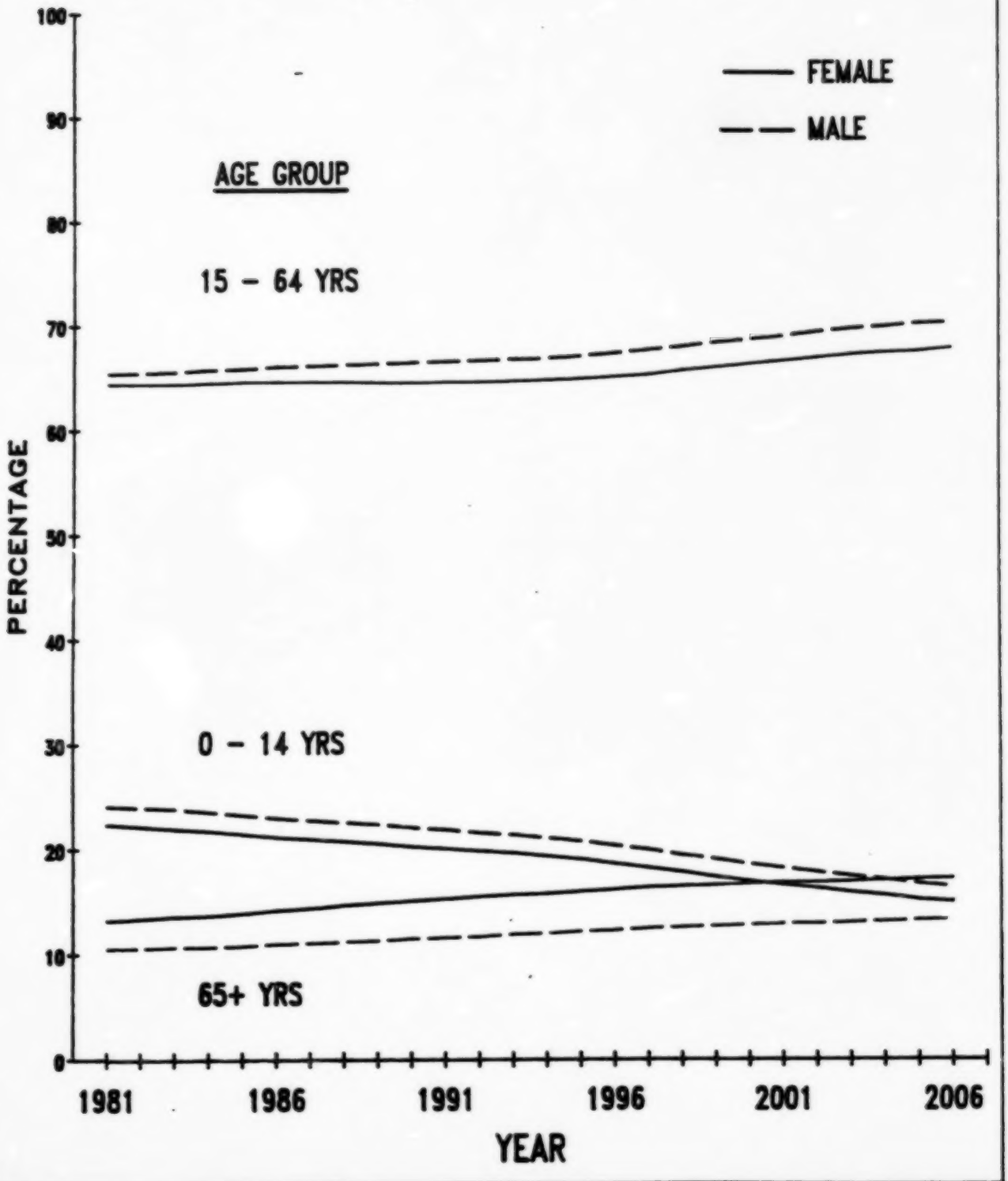


TABLE D2: PERCENTAGE OF MANITOBA PROJECTED POPULATION BY SEX AND AGE GROUP - FEMALE

	AGE			
	0 - 14	15 - 64	65 +	TOTAL
1983	22.0%	64.4%	13.5%	100.0%
1984	21.7	64.6	13.7	100.0
1985	21.4	64.7	13.9	100.0
1986	21.1	64.7	14.2	100.0
1987	20.9	64.7	14.4	100.0
1988	20.7	64.7	14.7	100.0
1989	20.5	64.6	14.9	100.0
1990	20.2	64.6	15.1	100.0
1991	20.0	64.7	15.3	100.0
1992	19.8	64.7	15.5	100.0
1993	19.6	64.8	15.7	100.0
1994	19.3	64.9	15.8	100.0
1995	19.0	65.0	16.0	100.0
1996	18.6	65.2	16.2	100.0
1997	18.2	65.4	16.4	100.0
1998	17.8	65.8	16.5	100.0
1999	17.3	66.1	16.6	100.0
2000	16.9	66.4	16.7	100.0
2001	16.5	66.7	16.8	100.0
2002	16.2	67.0	16.8	100.0
2003	15.8	67.3	16.9	100.0
2004	15.5	67.5	17.0	100.0
2005	15.2	67.7	17.1	100.0
2006	14.9	67.9	17.2	100.0

PERCENTAGE OF MANITOBA PROJECTED POPULATION BY SEX AND AGE GROUP - MALE

	AGE			
	0 - 14	15 - 64	65 +	TOTAL
1983	23.8%	65.6%	10.7%	100.0%
1984	23.5	65.8	10.7	100.0
1985	23.2	65.9	10.8	100.0
1986	22.9	66.1	11.0	100.0
1987	22.7	66.2	11.1	100.0
1988	22.5	66.3	11.2	100.0
1989	22.3	66.4	11.3	100.0
1990	22.0	66.5	11.5	100.0
1991	21.8	66.6	11.6	100.0
1992	21.5	66.7	11.7	100.0
1993	21.3	66.8	11.9	100.0
1994	21.0	66.9	12.0	100.0
1995	20.7	67.1	12.2	100.0
1996	20.3	67.4	12.3	100.0
1997	19.9	67.7	12.5	100.0
1998	19.4	68.0	12.6	100.0
1999	19.0	68.4	12.7	100.0
2000	18.5	68.7	12.8	100.0
2001	18.1	69.0	12.9	100.0
2002	17.7	69.4	12.9	100.0
2003	17.3	69.7	13.0	100.0
2004	17.0	69.9	13.1	100.0
2005	16.6	70.2	13.2	100.0
2006	16.3	70.3	13.3	100.0